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EV 216 779 624 US

Serial No.

10/730,962

Applicant(s)

Banerjee et al.

Filing Date

December 9, 2003

Title:

Catalysts Comprising Ultrafine Particles

Examiner

To Be Assigned

Group Art Unit

1731

Type of Document(s)

Express Mail Certificate;

Transmittal Form;

Information Disclosure Statement;

PTO/SB/08a (4 pgs.);

4 Foreign Patents and 5 Articles; and

Return Postcard

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(signature)

Date Mailed: January 25, 2005

PTC SE 21 (09-04)
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		Application Numbe	r 1	0/730,962	2
TRANSM	I AL	Filing Date	D	ecember	9, 2003
FOR	٠.	First Named Invent	tor B	anerjee e	t al.
	LY ? S TIE Y	Art Unit	1	731	
(to be used for all correspond	age after initial filing?//	Examiner Name	Т	o Be Assi	igned
Total Number of Pages in This		Attorney Docket Nu	umber 0	0568-290	996
	ENCL	OSURES (check all tha	t apply)		
Fee Transmittal Form	☐ Drawing	(s)		After Allo	owance Communication to TC
Fee Attached	Licensin	g-related Papers	[Communication to Board
Amendment / Reply	Petition	3 (3.2		Appeal C	als and Interferences Communication to TC lotice, Brief, Reply Brief)
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Affidavits/declaration		f Attorney, Revocation of Correspondence Add	ress C] Status Le	etter
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Certified Copy of Priority Document(s)	Remarks PTO/SB/08a	Express Mail Cer a; 4 Foreign Patents & 5			US; Transmittal Form; Postcard
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Firm	Kilpatrick Stoc	ckton LLP			
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Date	1/25/05	•	Reg. No.	54,545	
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I hereby certify that this corr Service with sufficient posta Alexandria, VA 22313-1450 c	ige as first class mail	in an envelope addres	e USPTO or sed to: Com	deposited imissioner	with the United States Postal for Patents, P.O. Box 1450,
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Typed or printed name				Date	

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NITHE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Banerjee et al. Serial No. : 10/730,962

For : Catalysts Comprising Ultrafine Particles

Filed : December 9, 2003 Examiner : To Be Assigned

Art Unit : 1731

Mail Stop Amendment Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98, Applicants submit herewith on Form SB/08A a listing of documents known to the Applicants and/or their attorney. Applicants respectfully request consideration of the cited documents and making the same of record in the prosecution of the above-identified application. In doing so, Applicants do not waive any rights to appropriate action to establish patentablility over the listed documents should they be applied as references against the claims of the present application. In accordance with 37 C.F.R. § 1.98(a)(2), copies of the cited U.S. Patents and U.S. Patent Application Publications are not provided. Copies, however, of the foreign patent and non patent literature documents are provided.

This information Disclosure Statement is being submitted prior to the mailing of the first Office Action in the present application. As a result, Applicants believe that no fees are due at this time. However, should any fees be due related to this application, the Commissioner is authorized to charge such fees to Deposit Account No. 16-1435. A duplicate of this sheet is attached for that purpose.

Respectfully submitted,

Date

J Clinton Wimbish Reg. No. 54,545

Kilpatrick Stockton LLP 1001 West Fourth Street Winston-Salem, NC 27101 (336) 607-7300



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PTO/SB/08a (08-03)
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Substitute	for form 1449A/PTO				Complete if Known
	FORMATION DISCLOSURE Application Number 10/730,962 Filing Date December 9, 2003	10/730,962			
INFO	RMATION	DIS	CLOSURE	Filing Date	December 9, 2003
STAT	TEMENT BY	/ Al	PPLICANT	First Named Inventor	Banerjee, Chandra K.
				Art Unit	1731
	(Use as many shee	ets as	necessary)	Examiner Name	To Be Assigned
Sheet	1	of	4	Attorney Docket Number	00568/290996

			U.S. PATENT [DOCUMENTS	
Exam ner Initials *	Cite No. 1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevar Passages or Relevant
	ļ				Figures Appear
-	1	5,040,551	08-20-1991	Schlatter et al.	
	2	5,211,684	05-18-1993	Shannon et al.	
	3	5,240,014	08-31-1993	Deevi et al.	
	4	5,258,340	11-02-1993	Augustine et al.	
	5	4,182,348	01-08-1980	Seehofer et al.	
	6	6,286,516	09-11-2001	Bowen et al.	
	7	2,881,770	04-14-1959	Touey	
	8	3,353,543	11-21-1967	Sproull et al.	
	9	3,101,723	08-27-1963	Seligman et al.	
	10	4,481,958	11-13-1984	Ranier et al	
	11	5,360,023	11-01-1994	Blakley et al.	
	12	5,404,890	04-11-1995	Gentry et al.	
-	13	5,568,819	10-29-1996	Gentry et al.	-
	14	6,537,186 B1	03-25-2003	Veluz	
-	15	3,894,545	07-15-1975	Crellin et al.	
	16	4,947,874	08-14-1990	Brooks et al.	
	17	4,771,795	09-20-1988	White et al.	
	18	4,917,128	04-17-1990	Clearman et al.	
	19	4,967,774	11-06-1990	White	
-	20	5,016,654	05-21-1991	Bernasek et al.	
-	21	6,537,186 B1	03-25-2003	Veluz	
	22	4,452,259	06-05-1984	Norman	
	23	5,878,754	03-09-1999	Peterson et al.	
	24	5,103,844	04-14-1992	Hayden et al.	
	25	5.060.675	10-29-1991	Milford et al.	

Examiner Signature	Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute	FORMATION DISCLOSURE FATEMENT BY APPLICANT			Complete if Known		
				Application Number	10/730,962	
INFC	PRMATI	ON DIS	CLOSURE	Filing Date	December 9, 2003	
STA	TEMEN'	T BY A	PPLICANT	First Named Inventor	Banerjee, Chandra K.	
				Art Unit	1731	
	(Use as many sheets as necessary)		Examiner Name	To Be Assigned		
Sheet	2	of	4	Attorney Docket Number	00568/290996	

			U.S. PATENT	DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant
Initials *	No.1	Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear
	26	4,998,541	03-12-1991	Perfetti et al.	
	27	4,805,644	02-21-1989	Hampl, Jr. et al.	
	28	4,461,311	07-24-1984	Matthews et al.	
	29	4,450,847	05-29-1984	Owens et al.	
	30	4,420,002	12-13-1983	Cline et al.	
-	31	4,231,377	11-04-1980	Cline et al.	
	32	4,474,190	10-02-1984	Brand	
	33	4,844,100	07-04-1989	Holzangel	
	34	5,156,169	10-20-1982	Holmes et al.	
	35	5,191,906	03-09-1993	Myracle, Jr. et al.	
	36	4,924,888	05-15-1990	Perfetti et al.	
	37	5,056,537	10-15-1991	Brown et al.	
	38	5,220,930	06-22-1993	Gentry	
	39	6,537,186 B1	03-25-2003	Veluz	
	40	5,396,911	03-14-1995	Casey et al.	, , , , , , , , , , , , , , , , , , , ,
	41	2003-0188758	10-09-2003	Hajaligol et al.	
	42	10/382,244	03-05-2003	Crooks et al.	
	43	2002-0014453	02-07-2002	Lilly et al.	
	44	2003-0131859	07-17-2003	Li et al.	
	45	2003-0075193	04-24-2003	Li et al.	
	46	2002-0020420	02-21-2002	Xue et al.	
	47	20040134631	01-15-2003	Crooks et al.	
	48	2004/0255965	06-17-2003	Perfetti et al.	

Examiner Signature	Date Considered	

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	Substitute	e for form 1449A/F	то			Complete if Known	
					Application Number	10/730,962	
	INFC	PRMATIO	N DIS	CLOSURE	Filing Date	December 9, 2003	
	STA	TEMENT	BY A	PPLICANT	First Named Inventor	Banerjee, Chandra K.	
					Art Unit	1731	
		(Use as many	sheets as	necessary)	Examiner Name	To Be Assigned	
	Sheet	3	of	4	Attorney Docket Number	00568/290996	

		FOREIGN PA	TENT DOCUM	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ - Number ⁴ - Kınd Code ⁴ (<i>if kno:vn</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	49	EP 0 532 329 A2	03-17-1993	R.J. Reynolds Tobacco Co.		
	50	EP 0 579 410 B1	01-19-1994	British-American Tobacco Co. Ltd.		
	51	EP 0 608 047 B1	07-27-1994	Phillip Morris Products Inc.		
	52	WO 02/19848 A1	03-14-2002	Japan Tobacco Company		
						
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Examiner Signature	Date Considered	

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	Substitute	for form 1449B/PT	0			Complete if Known	
		DAATION	DIC	OL OCUBE	Application Number	10/730,963	
				CLOSURE	Filing Date	December 9, 2003	
	STAT	EMENT B	Y A	PPLICANT	First Named Inventor	Banerjee, Chandra K.	
					Art Unit	1731	
		(Use as many sh	eets as	necessary)	Examiner Name	To Be Assigned	
abla	Sheet	4	of	4	Attorney Docket Number	00568/290996	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	53	DAVIS et al., Tobacco Production, Chemistry and Technology, (Eds.) 1999	
	54	XU et al., The Preparation of Highly Dispersed Au/Al O by Aqueous Impregnation, Catalyst Letters, Vol. 85, No.3-4, 2003 p. 229	
	55	BERA et al., Combustion Synthesis of Nanometal Particles Supported on α-Al₂O₃: CO Oxidation and NO Reduction Catalysts, <i>Journal of Material Chemistry</i> , Vol. 9, pp. 1801-1805 (1999)	
	56	BOMBICK et al., Fund. Appl. Toxicol., 39, p. 11-17 (1997).	
	57	ANDERSON, M.A., University of Wisconsin at Madison, October 2001	

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Examiner	Date	
Signature	Considered	

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